

CLAIMS

1. A storage device for emergency equipment (2, 17, 19) for members of aircraft flight crew, the emergency equipment being designed to be held on the head of a user, the storage device being adapted so that when the emergency equipment is in its stored position on or in the storage device (1, 50), the user can take hold of the emergency equipment (2, 17, 19) via at least one grip surface (21), using one hand to place the emergency equipment on the head in an in-use position while keeping said hand in substantially the same position on the grip surface (21), the storage device being characterized by the fact that it is adapted to receive emergency equipment constituted by at least one information display device (2), in particular information for providing assistance in flying, said display device (2) being adapted to be held close to an eye of a user and to project a light signal bearing information onto the retina of said eye.
- 20 2. A device according to claim 1, including a test device (22, 24, 25) which, when activated while the emergency equipment is in the storage position, causes a test light signal (23) to be emitted by the display device (2), which signal is visible to the user and enables the user to verify that the display device (2) is operational.
- 25 3. A device according to claim 2, in which the test device (22, 24, 25) includes control means (22) for triggering emission of the test light signal (23) by the display device (2) and transmission means (24) for propagating the test light signal (23) from the display device (2) to a display unit (25) that is visible to the user and that enables the user to verify that the display device is operational while the emergency equipment is in the storage position.

4. A device according to claim 3, including a light guide (24) adapted to transmit the light signal (23), from the display device (2) to the display unit (25).

5 5. A device according to any preceding claim, including a button (22) acting as control means for causing the light signal (23) to be emitted by the display device (2).

10 6. A device according to any preceding claim, in which the emergency equipment is constituted solely by a display device (2) adapted to be removably mounted on a face mask or on protective goggles, or placed directly on the head of a user.

15 7. A device according to any one of claims 1 to 5, in which the emergency equipment is constituted by a face mask (19) and the display device (2).

20 8. A device according to any one of claims 1 to 5, in which the emergency equipment is constituted by a face mask (19), protective goggles (17), and the display device (2).

25 9. A device according to any preceding claim, comprising a box (50) itself comprising:

• a frame defining a front face (11) of a receptacle for the emergency equipment (2, 17, 19), the emergency equipment (2, 17, 19) being inserted or extracted into or from the receptacle via said front face; and

30 • at least one flap (6, 7) closing said front face (11) at least in part when the emergency equipment (2, 17, 19) is placed in the receptacle, and including at least one notch (20) via which at least a portion of the grip surface (21) projects from an outside face of the flap (6, 7), i.e. out from the box (50), and an opening through which a light signal (23) can appear such as a test light signal emitted by the display device (2).

10. A device according to any one of claims 1 to 8,
comprising a stand (1) adapted to receive protective
goggles (17) and a display device (2) releasably and
5 independently of each other.

11. A device according to any preceding claim, comprising
a bag (100) adapted to receive emergency equipment (2,
17, 19).